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OM protein - protein search, using sw model

Run on: June 25, 2003, 14:42:11 ; Search time 11.4264 Seconds
(without alignments)
283.251 Million cell updates/sec

Title: US-09-622-613b-24

Perfect score: 601
Sequence: 1 SMMATFOQHINTPIICNT.....ICVKGENQYVPHFGICRCP 110Scoring table: BLCSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 294229221 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
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6: /cgn2_6/ptodata/1/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	586.5	97.6	111	2	US-08-891-848-12
2	586.5	97.6	111	3	US-08-875-811-8
3	282.5	47.0	104	1	US-08-467-955-2
4	276.5	46.0	112	3	US-08-875-811-32
5	276.5	46.0	251	3	US-08-875-811-59
6	276.5	46.0	254	3	US-08-875-811-61
7	276.5	46.0	355	3	US-08-875-811-49
8	276.5	46.0	355	3	US-08-875-811-57
9	276.5	46.0	355	3	US-08-875-811-64
10	276.5	46.0	355	3	US-08-875-811-55
11	272.5	45.3	104	1	US-08-283-971-1
12	272.5	45.3	104	1	US-07-921-619-1
13	272.5	45.3	104	1	US-08-467-955-1
14	272.5	45.3	104	2	US-08-891-848-13
15	272.5	45.3	104	3	US-08-875-811-1
16	272.5	45.3	104	4	US-09-394-268-1
17	272.5	45.3	104	4	US-09-071-672-1
18	272.5	45.3	104	4	US-09-687-748-1
19	272.5	45.3	105	3	US-08-875-811-39
20	272.5	45.3	106	3	US-08-875-811-28
21	272.5	45.3	107	3	US-08-875-811-30
22	272.5	45.3	129	3	US-08-875-811-63
23	272.5	45.3	355	3	US-08-875-811-51
24	272.5	45.3	358	3	US-08-875-811-41
25	272.5	45.3	379	3	US-08-875-811-43
26	271.5	45.2	105	3	US-08-875-811-26
27	267.5	44.5	104	4	US-09-394-268-2

28	267.5	44.5	104	4	US-09-687-748-2	Sequence 2, Appl
29	267.5	44.5	105	3	US-08-875-811-24	Sequence 24, Appl
30	267.5	44.5	358	3	US-08-875-811-45	Sequence 45, Appl
31	267.5	44.5	365	3	US-08-875-811-53	Sequence 53, Appl
32	253.5	42.2	107	3	US-08-875-811-20	Sequence 20, Appl
33	239.5	39.9	111	3	US-08-875-811-22	Sequence 22, Appl
34	235	39.1	114	4	US-09-223-118-3	Sequence 3, Appl
35	231.5	38.5	360	4	US-08-875-811-47	Sequence 47, Appl
36	226	37.6	114	4	US-09-223-118-2	Sequence 2, Appl
37	225	37.4	114	4	US-09-223-118-1	Sequence 1, Appl
38	224	37.3	114	4	US-09-223-118-4	Sequence 4, Appl
39	206	34.3	83	3	US-08-875-811-2	Sequence 2, Appl
40	206	34.3	83	4	US-09-071-672-3	Sequence 3, Appl
41	158	26.3	169	1	US-08-441-629-2	Sequence 2, Appl
42	158	26.3	169	3	US-08-776-207-2	Sequence 2, Appl
43	158	26.3	169	4	US-09-507-773-2	Sequence 2, Appl
44	158	26.3	169	5	PCT-US95-09172-2	Sequence 2, Appl
45	124.5	20.7	125	6	5171845-2	Patent No. 5171845

ALIGNMENTS

RESULT 1
US-08-891-848-12
: Sequence 12, Application US/08891848
: Patent No. 5955073
GENERAL INFORMATION:
: APPLICANT: Rybak, Susanna M.
: APPLICANT: Youle, Richard J.
: APPLICANT: Newton, Dianne L.
: APPLICANT: Nicholls, Peter J.
: TITLE OF INVENTION: Selective RNase Cytotoxic Reagents
: NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
: ADDRESSEE: Townsend and Townsend and Crew LLP
: STREET: Two Embarcadero Center, Eighth Floor
: CITY: San Francisco
: STATE: California
: COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/891,848
: FILING DATE: No. 5955073 yet assigned
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/125,462
: FILING DATE: 22-SEP-1993
PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/014,082
: FILING DATE: 04-FEB-1993
PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/779,195
: FILING DATE: 22-OCT-1991
PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/510,696
: FILING DATE: 20-APR-1990
ATTORNEY/AGENT INFORMATION:
: NAME: Weber, Ellen Laufer
: REGISTRATION NUMBER: 32,762
: REFERENCE/DOCKET NUMBER: 015280-11031005
TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 576-0200
: TELEFAX: (415) 576-0300
INFORMATION FOR SPO ID NO: 12:
SEQUENCE CHARACTERISTICS:
: LENGTH: 111 amino acids
: TYPE: amino acid

STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..111
OTHER INFORMATION: /note="Frog Lectin from Rana
US-08-891-848-12

Query Match 97.6%; Score 586.5; DB 2; Length 111;
Best Local Similarity 99.1%; Pred. No. 1.1e-60;
Matches 109; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

QY 2 NMATFOQKHIIINPIL-CNTIMDNIIYVGQCKRVMTFISSATVKAICTGVINNVL 60
DB 2 NMATFOQKHIIINPILNCNTIMDNIIYVGQCKRVMTFISSATVKAICTGVINNVL 61

QY 61 STTRFOINTCTRTSITRPPCPYSSRTETNTIYCVKCNQYVHFAGIGRCP 110
DB 62 STTRFOINTCTRTSITRPPCPYSSRTETNTIYCVKCNQYVHFAGIGRCP 111

RESULT 2
US-08-875-811-8
Sequence 8, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rydak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/025588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 111 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..111

OTHER INFORMATION: /note="Frog Lectin from Rana
OTHER INFORMATION: catesbelana"
US-08-875-811-8

Query Match 97.6%; Score 586.5; DB 3; Length 111;
Best Local Similarity 99.1%; Pred. No. 1.1e-60;
Matches 109; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

QY 2 NMATFOQKHIIINPIL-CNTIMDNIIYVGQCKRVMTFISSATVKAICTGVINNVL 60
DB 2 NMATFOQKHIIINPILNCNTIMDNIIYVGQCKRVMTFISSATVKAICTGVINNVL 61

QY 61 STTRFOINTCTRTSITRPPCPYSSRTETNTIYCVKCNQYVHFAGIGRCP 110
DB 62 STTRFOINTCTRTSITRPPCPYSSRTETNTIYCVKCNQYVHFAGIGRCP 111

RESULT 3
US-08-467-955-2
Sequence 2, Application US/08467955
Patent No. 5728805
GENERAL INFORMATION:
APPLICANT: Ardelt Ph.D, Wojciech J.
TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.A.
STREET: P.O. Box E
CITY: Short Hills
STATE: New Jersey
COUNTRY: USA
ZIP: 07078-0383
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,955
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/814,332
FILING DATE: 03-FEB-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/283,970
FILING DATE: 01-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5007 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-912-0442
TELEFAX: 201-912-0442
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens


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Query Match          46.0%   Score 276.5   DB 3:   Length 254;
Best Local Similarity 49.5%   Pred.No. 2,3e-24;
Matches      55; Conservative    15; Mismatches    32; Indels     9; Gaps     4

OY       1  SNMATEQOKHINT-PIICNTIMDNINIVGGCKRVNPFITISSATYKAICTGYI-MNN 58
        | : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db       2  SDMLTFPOKKHTITFNDVDCDNIISNLF-----HCXDKFTIFSREPPKAIICKGIIASKN 57

OY       59 VLSTTRQLNCSTRISTPRCPYSSKFEIYNVICCKENQYPVHFAGIGRC 109
        | : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db       58 VLTTSFFLSDC---NVTSRCKKYLLKSKTNKFCTVCENOAPVHFVGVSCK 105

RESULT 7
US-08-875-811-49
: Sequence 49, Application US/08875811
: Patent No. 6045793
:
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Lluis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

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	Query Match	46.0%	Score 276.5	DB 3	Length 355
	Best Local Similarity	49.5%	Pred. No. 3.4e-24		
	Matches 55	Conservative 15	Mismatches 32	Indels 9	Gaps 4
Qy	1	SNNAFTFOOKHHIINT	PIICNFTIMDNNIIVYGQCKRVNFTFIISATYYKAICITGV	IR	NMN 58
Db	252	SDMLTFQKKHINTTRVDCDINMSTNLF	---HCKDKMTPIFYSRDEPKAATCKKIIASKN		307
Qy	59	VLSTFTFOUNTCRTSITPRCPYSSRTFENYICVKECENQYVPHFAGIGRC			109
Db	308	VLSTFSEYISDC---NVTSSRPCKYALKSTYNKECVTCENQAPVHFVGSC			355

RESULT 8
 US-08-875-811-57
 ; Sequence 57, Application US/08875811
 ; Patent No. 6045793
 ; GENERAL INFORMATION:
 ; APPLICANT: Rybak, Susanna M.
 ; APPLICANT: Newton, Dianne L.
 ; APPLICANT: Boque, Luis
 ; APPLICANT: Wlodawer, Alexander
 ; TITLE OF INVENTION: Recombinant Ribonuclease Proteins
 ; NUMBER OF SEQUENCES: 64
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94111-3834
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/875,811
 ; FILING DATE: 19-FEB-1998
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: WO PCT/US97/02588
 ; FILING DATE: 19-FEB-1997
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 60/011,800

FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ. ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-57

Query Match 46.0%; Score 276.5; DB 3; Length 355;
Best Local Similarity 49.5%; Pred. No. 3,4e-24;
Matches 55; Conservative 15; Mismatches 32; Indels 9; Gaps 4;

QY 1 SNMATEPOKHITM-PLICNTIMNNIYIGGCKRVNFIISATTYKATCGVI-NMN 58
Db 2 SDMLTFOKHITMTRVDYDCDNIMSTLFL---HCKDKNTFYSPPEPVKAICGIIASKN 57

QY 59 VLSTREFOLNCTRTSITPRCPYSSRTETNYICVKCENQPVHFGAGIGRC 109
Db 58 VLTSFEYLSDC---NVTSPKCKYKLLKSKNKFCVTCENQAPVHFGVGS 105

RESULT 9
US-08-875-811-64
Sequence 64, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Lluis
APPLICANT: Mlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
CLASSIFICATION: 435
FILING DATE: 19-FEB-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ. ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid

STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..355
OTHER INFORMATION: /note="E6FB[Met-(-1)]SerIrc"

US-08-875-811-64

Query Match 46.0%; Score 276.5; DB 3; Length 355;
Best Local Similarity 49.5%; Pred. No. 3,4e-24;
Matches 55; Conservative 15; Mismatches 32; Indels 9; Gaps 4;

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Db 252 SDMLTFOKHITMTRVDYDCDNIMSTLFL---HCKDKNTFYSPPEPVKAICGIIASKN 307

QY 59 VLSTREFOLNCTRTSITPRCPYSSRTETNYICVKCENQPVHFGAGIGRC 109
Db 308 VLTSFEYLSDC---NVTSPKCKYKLLKSKNKFCVTCENQAPVHFGVGS 355

RESULT 10
US-08-875-811-55
Sequence 55, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Lluis
APPLICANT: Mlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
CLASSIFICATION: 435
FILING DATE: 19-FEB-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ. ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 366 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-55

Query Match 46.0%; Score 276.5; DB 3; Length 366;
Best Local Similarity 49.5%; Pred. No. 3,5e-24;
Matches 55; Conservative 15; Mismatches 32; Indels 9; Gaps 4;

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OY      1 SNAATPEOKRIIIMT-PIICNTIDNNIIYVGCGCRVMTFIISSTWTKACITCVI-NMN 58
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Db      263 SDMTPEQKKHITRTROYDCDNIMSTNLF-----HCMDKMTFLYSRPREPKALCKRIILSKN 318

OY      59 VLSTRQLANTCTRTSITPRCPYSRTETNIICYKCENOPVHFAGIGRC 109
        | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
Db      319 VLTISEYISDCC--NWTSPPCKFYIKLKSTNKTEVCYTQNAVHEVHGSC 366
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RESULT 11

US-08-283-971-1
Sequence 1, Application us/08283971
Patent No. 5529775
GENERAL INFORMATION:
APPLICANT: Atcelt Ph.D, Wojciech J.
APPLICANT: Mikulski, Stanislaw M.
TITLE OF INVENTION: PHARMACEUTICAL FOR TREATING TUMORS IN HUMANS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Mark H. Jay, P.C.
STREET: P.O. Box 020083, General Post Office
CITY: Brooklyn
STATE: New York
COUNTRY: USA
ZIP: 11202-0002
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/283,971
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/921,180
FILING DATE: 30-JUL-1992
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5006 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 718-625-0399
TELEFAX: 718-625-0399
TELEX: NO. 5529775 Applicabe
INFORMATION FOR SEQ. ID NO. 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: protein
HYPOTHEICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Embryo
US-08-283-971-1

	Query Match	45.3%	Score	272.5	DB_1	Length	104			
	Best Local Similarity	49.1%	Pred No	2.2e-24						
	Matches	54	Conservative	15	Mismatches	32	Indels	9	Gaps	4
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QY      60 LSTIRQLNTCTRTSITPRPOPISSRTETNYICVKENQYPVHFGAGRC 109
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Db      58 LTTSEYFLSDC--NVTSRPCKYKLLKKSINKFCVTENQAPVHVGVS 104

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RESULT 12

US-07-921-619-1
Sequence 1: Application US/07921619
Patent No. 5595734
GENERAL INFORMATION:
APPLICANT: Artelt Ph.D. Wojciech J.
APPLICANT: Mikulski, Stanislaw M.
TITLE OF INVENTION: PHARMACEUTICAL FOR TREATING TUMORS IN HUMANS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark H. Jay, P.C.
STREET: P.O. Box 020083, General Post Office
CITY: Brooklyn
STATE: New York
COUNTRY: USA
ZIP: 11202-0002
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/921,619
FILING DATE: 19920728
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/178,118
FILING DATE: 06-APR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/436,141
FILING DATE: 13-NOV-1989
ATTORNEY/AGENT INFORMATION:
NAME: Jay, Mark H.
REGISTRATION NUMBER: 27507
REFERENCE/DOCKET NUMBER: 5005 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 718-625-0399
TELEFAX: 718-625-0399
TELEX: No. 5595734 Applicable
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 104 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Embryo
US-07-921-619-1

	Query Match	45.3%	Score 272.5	DB 1:	length 104:
	Best Local Similarity	49.1%	Pred. No. 2,2e-24:		
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				Gaps	
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Dd					
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US-08-875-811-1
: Sequence 1, Application US/08875811
: Patent No. 6045793
:
: GENERAL INFORMATION:
: APPLICANT: Rybak, Susanna M.
: APPLICANT: Newton, Dianne L.
: APPLICANT: Bogue, Luis
: APPLICANT: Wlodawer, Alexander
: TITLE OF INVENTION: Recombinant Ribonuclease Proteins
: NUMBER OF SEQUENCES: 64
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Townsend and Townsend and Crew LLP
: STREET: Two Embarcadero Center, Eighth Floor
: CITY: San Francisco
: STATE: California
: COUNTRY: USA
: ZIP: 94111-3834
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/875,811
: FILING DATE: 19-FEB-1998
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: WO PCT/US97/02588
: FILING DATE: 19-FEB-1997
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 60/011,800
: FILING DATE: 21-FEB-1996
: ATTORNEY/AGENT INFORMATION:
: NAME: Paris, Susan K.
: REGISTRATION NUMBER: 41,739
: REFERENCE/DOCKET NUMBER: 015280-244100US
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 576-0200
: TELEFAX: (415) 576-0300
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 104 amino acids
: TYPE: amino acid
: STRANDEDNESS:
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: FEATURE:
: NAME/KEY: Protein
: LOCATION: 1..104
: OTHER INFORMATION: /label=nonc
: OTHER INFORMATION: /note="native ONCOMASE (Registered
: OTHER INFORMATION: Trademark) from Rana pipiens"
: FEATURE:
: NAME/KEY: Modified-site
: LOCATION: 1
: OTHER INFORMATION:
:
: US-08-875-811-1
:
: Query Match 45.3%, Score 272.5, DB 3, Length 104;
: Best Local Similarity 49.1%, Pred. NO. 2, 2e-24;
: Matches 54; Conservative 15; Mismatches 32; Indels 9; Gaps 4
:
: Oy 2 NMAFFQCKHINT-PIICNTMTDNNIYVGGCKRKVNTFISSATVYAICTGVI-NMNV 59
: Db 2 DMLTFQKHHTNTDWDNDNITSLNF---HCKDKNTFIYSRPEYVAKIGIIASKNV 57
:
: Oy 60 LSTRFOIUNCTRTSTPRCPYSSRTEYNYICVCKENQYVHFAGIGRC 109
: Db 58 LTISEFLISDC---NITSRPEKYILKSTNKFVYTCENQADPVHFGVGC 104

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Search completed: June 25, 2003, 15:00:32
Job time : 12.4264 secs